

**From:** [Barbara Glenn](#)  
**To:** [John Whalan](#); [Thomas Bateson](#); [Glinda Cooper](#); [Susan Makris](#); [Andrew Kraft](#); [Sury Vulimiri](#); [Danielle DeVoney](#); [Ravi Subramaniam](#); [Jennifer Jinot](#); [David Bayliss](#); [Jennifer Mall](#)  
**Subject:** Fw: Symposium at UNC  
**Date:** 11/14/2011 03:55 PM

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Sury's initial report on symposium at UNC.

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From: Sury Vulimiri/DC/USEPA/US  
To: Thomas Bateson/DC/USEPA/US@EPA  
Cc: Barbara Glenn/DC/USEPA/US@EPA  
Date: 11/14/2011 03:24 PM  
Subject: Re: Symposium at UNC

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Hi Tom,

It was same story as before. John Samet gave the introduction with 4 hypothetical situations using 1) Mechanism and (2) Epi evidence where they are respectively, (i) clear and consistent; (ii) unclear and consistent, (iii) clear and inconsistent; (iv) unclear and inconsistent.

He talked about the evidence based on US Surgeon generals report, IARC, IRIS and EPA Cancer Guidelines, NTP etc

Swenberg presented his study from Lu et al 2010, Moeller et al 2011 and all his info on endogenous vs exogenous DNA adducts using formaldehyde case study. He got some new info on Micro RNAs and mentioned two people working on that Julie Rager (Rager et al 2011 EHP publication) and Rebecca Fry

They are also doing some experiments on CD34+ stem cells testing the hypothesis in the lines of Lupings paper. And pointed out he exposome work by Chris Wild 2005 CEBP and Martyn Smith CBI 2011.

David Richardson talked about his evaluation of 4 cohort studies (UK manufacturers Coggnis, NCI, Garment workers Pinkerton study etc and a Nested Case-control study Hayes I guess)

He pointed out -

Lack of exposure monitoring

Exposure misclassification (UK study)

No intensity of variation (Garment study)

Potential confounders include established causes of leukemia (in particular leukemia)

Speculation about exposures to viruses among embalmers and funeral directors

Most cohort studies report SMRs - health worker hire effect  
He concluded regarding Myeloid leukemia that "Bias and confounder appear unlikely of spurious positive associations for myeloid leukemia".

Swenberg in his comments criticized that all the leukemias are lumped together which does not make sense.

On the panel there were Samet, Swenberg, John Bucher, Vince, David Dorman and David Richardson. There were some questions from Connolly, Jeff French, etc. After lunch they have indoor conference with panel only.

That is briefly from the meeting.

See you tomorrow. Pass it around the team if you want. We can get more inside info when Vince is back.

Sury

Sury

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